

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136964.D
 Acq On : 05 Jan 2024 03:34
 Operator : CG\JU
 Sample : 06045-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-300-0-2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 05 03:57:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	42327	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	154333	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	71248	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	131302	20.000	ng	0.00
76) Chrysene-d12	13.969	240	102510	20.000	ng	0.00
86) Perylene-d12	15.457	264	74108	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	187284	69.038	ng	0.00
7) Phenol-d6	6.434	99	226226	64.358	ng	0.00
23) Nitrobenzene-d5	7.345	82	134054	44.447	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	54072	64.440	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	242712	45.818	ng	-0.02
79) Terphenyl-d14	12.904	244	227344	30.993	ng	-0.01
Target Compounds						Qvalue
49) Acenaphthylene	9.681	152	25190	3.626	ng	99
71) Phenanthrene	11.333	178	88754	13.174	ng	100
72) Anthracene	11.386	178	27922	4.092	ng	99
75) Fluoranthene	12.533	202	189460	26.290	ng	99
78) Pyrene	12.763	202	182249	18.111	ng	100
81) Benzo(a)anthracene	13.963	228	97762	13.734	ng	91
83) Chrysene	13.998	228	93403	13.418	ng	94
84) Bis(2-ethylhexyl)phtha...	13.945	149	13192	2.863	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.974	276	48853	9.130	ng	97
88) Benzo(b)fluoranthene	15.021	252	104647m	21.142	ng	
89) Benzo(k)fluoranthene	15.051	252	39237m	8.389	ng	
90) Benzo(a)pyrene	15.398	252	69747	16.693	ng	97
91) Dibenzo(a,h)anthracene	16.980	278	12127	2.763	ng	# 91
92) Benzo(g,h,i)perylene	17.439	276	52747	11.732	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

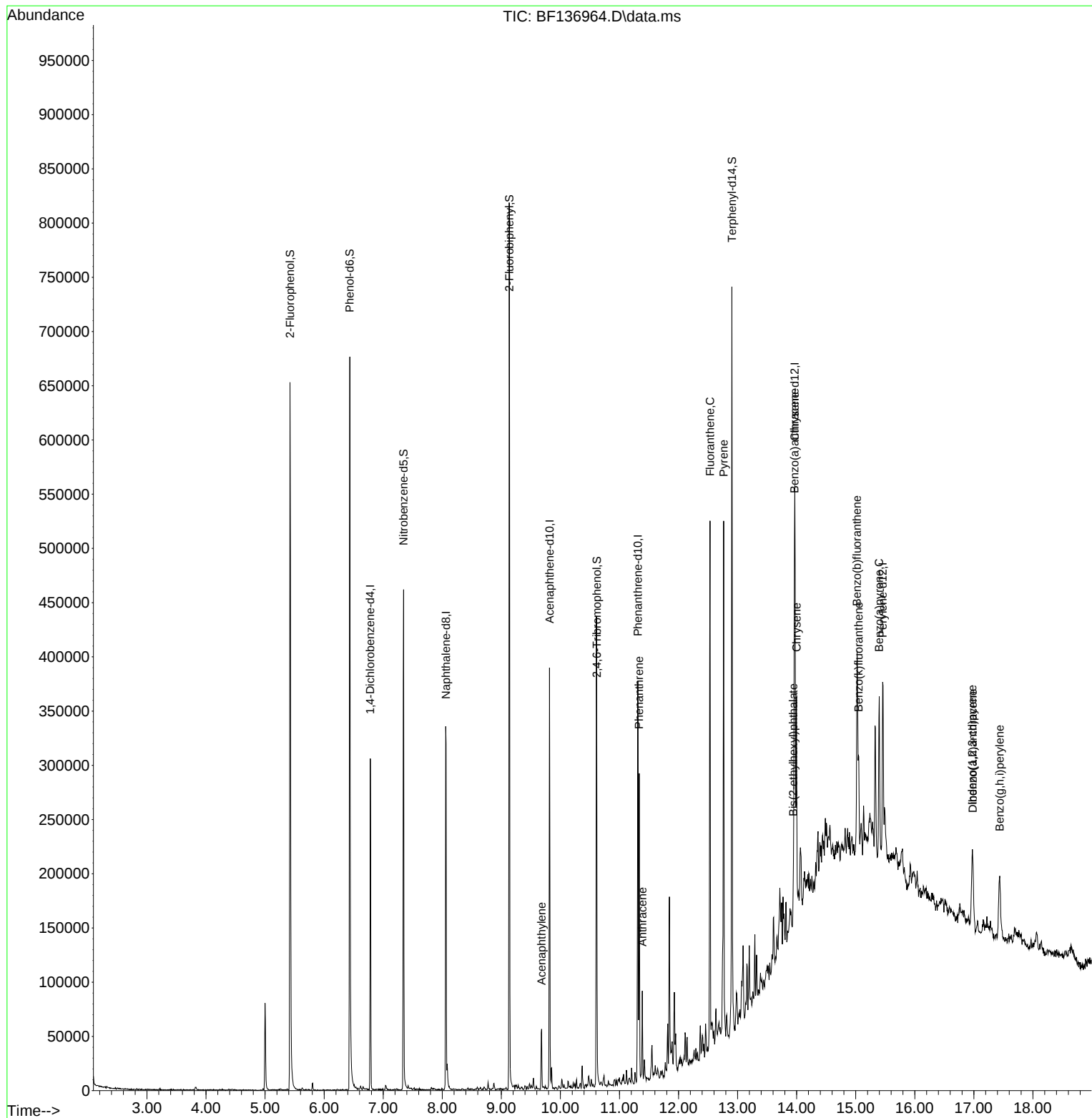
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
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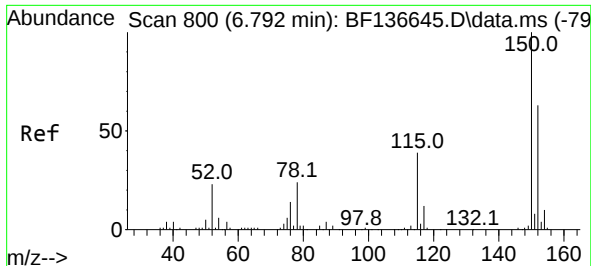
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Quant Time: Jan 05 03:57:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
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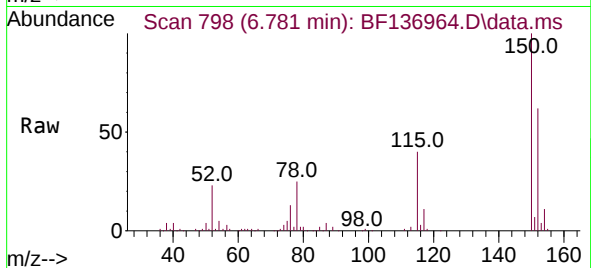
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

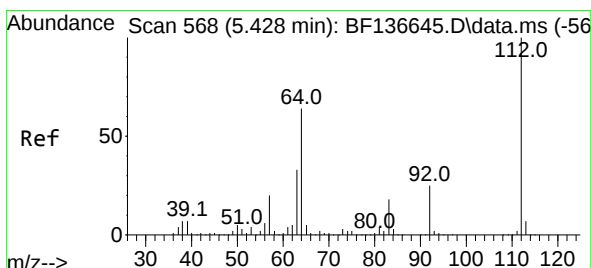
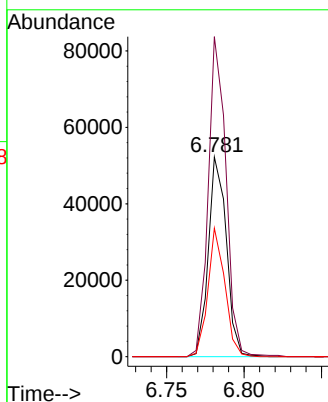
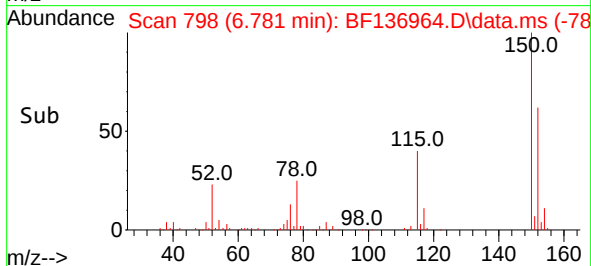
Instrument :
BNA_F
ClientSampleId :
MR-300-0-2



Tgt Ion:152 Resp: 4232
Ion Ratio Lower Upper
152 100
150 160.2 127.0 190.6
115 64.3 49.0 73.4

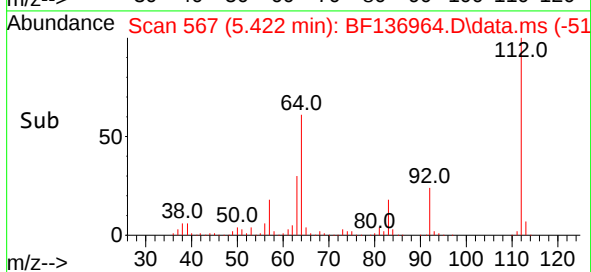
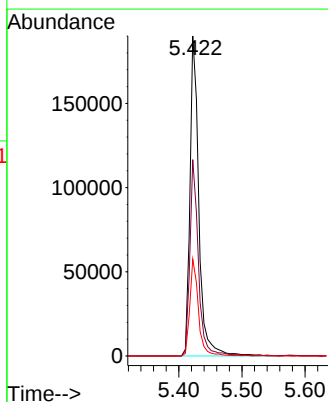
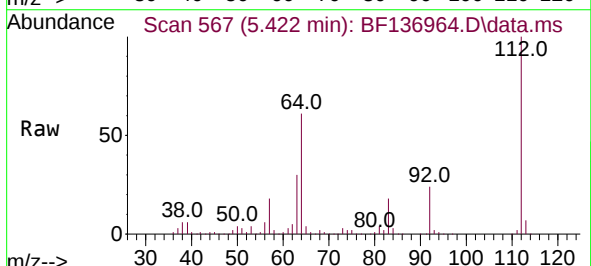
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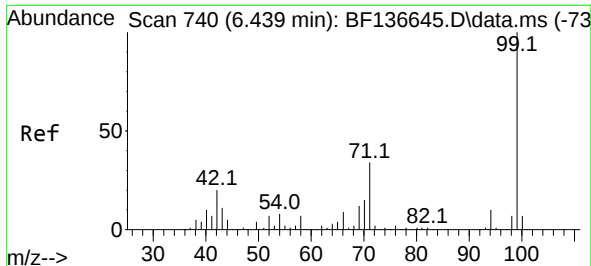
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#5
2-Fluorophenol
Concen: 69.038 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion:112 Resp: 187284
Ion Ratio Lower Upper
112 100
64 61.3 51.1 76.7
63 30.2 26.1 39.1





#7

Phenol-d6

Concen: 64.358 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136964.D

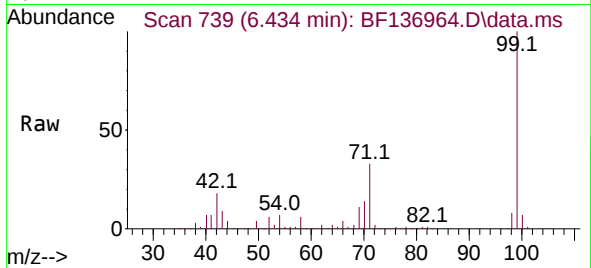
Acq: 05 Jan 2024 03:34

Instrument :

BNA_F

ClientSampleId :

MR-300-0-2

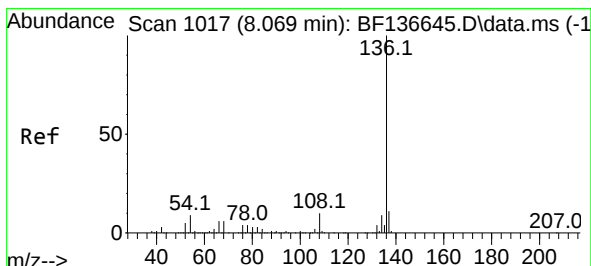
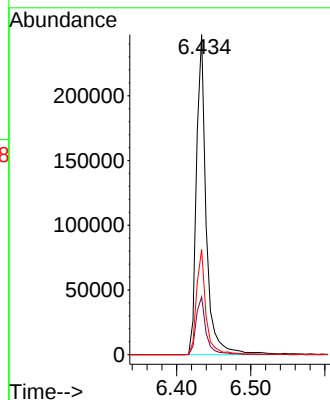
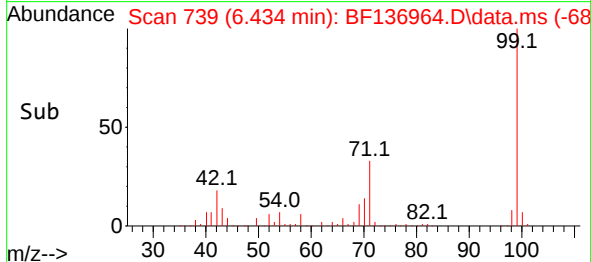


Tgt Ion: 99 Resp: 226220

Ion	Ratio	Lower	Upper
99	100		
42	18.1	16.1	24.1
71	32.8	27.4	41.2

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Supervised By :mohammad ahmed 01/05/2024



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

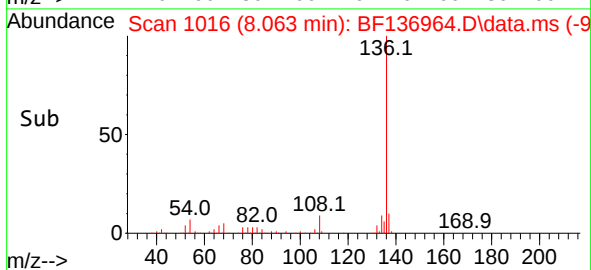
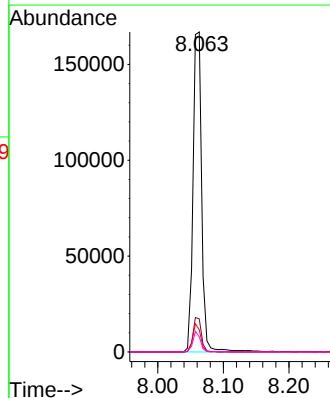
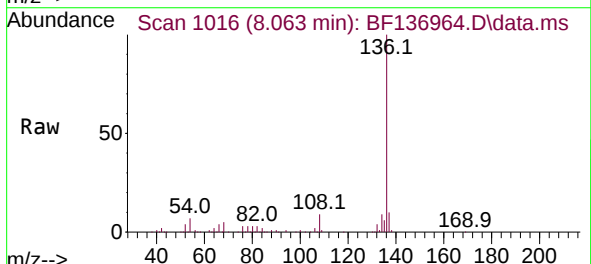
Delta R.T. -0.006 min

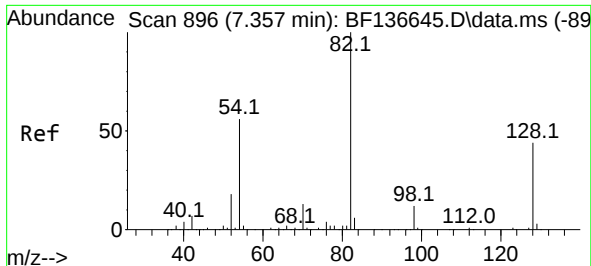
Lab File: BF136964.D

Acq: 05 Jan 2024 03:34

Tgt Ion:136 Resp: 154333

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	7.0	7.2	10.8#
68	4.8	4.9	7.3#





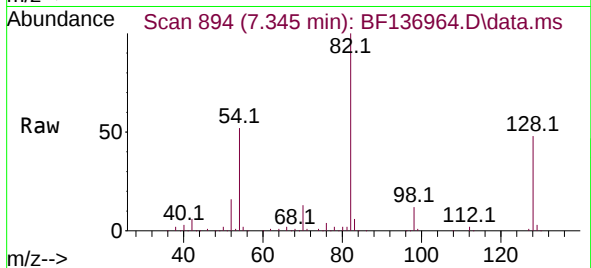
#23
Nitrobenzene-d5
Concen: 44.447 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :

BNA_F

ClientSampleId :

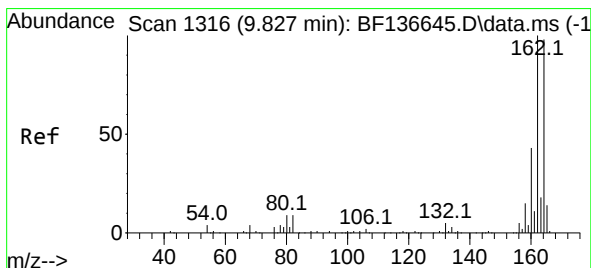
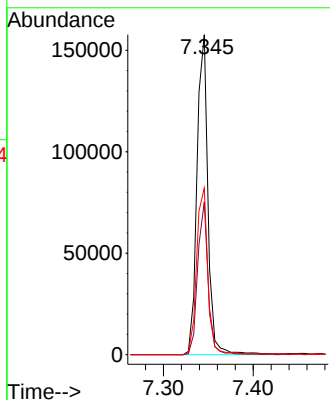
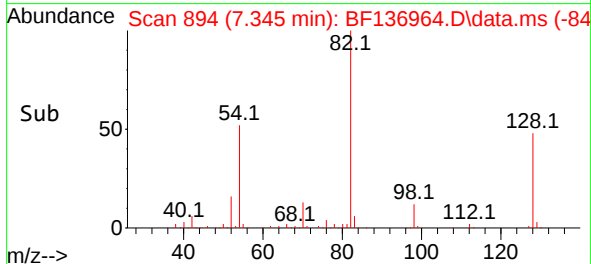
MR-300-0-2



Tgt Ion: 82 Resp: 134054
Ion Ratio Lower Upper
82 100
128 47.8 35.3 52.9
54 52.1 44.5 66.7

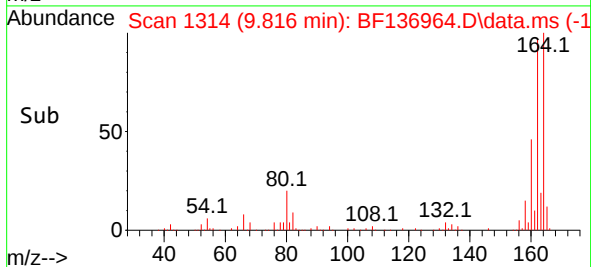
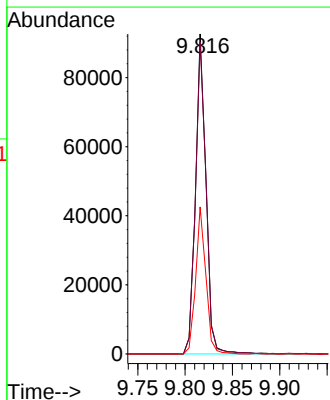
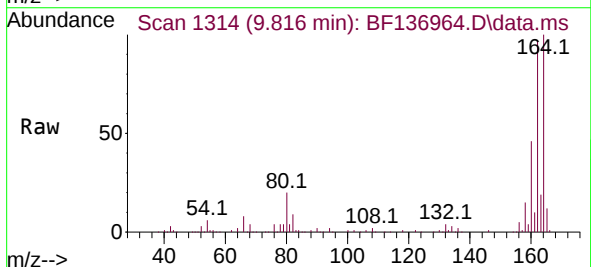
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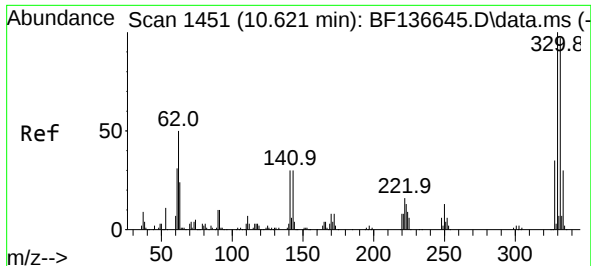
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

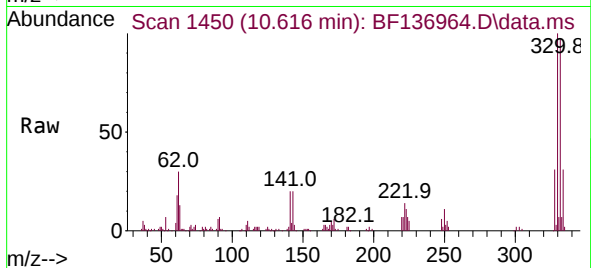
Tgt Ion:164 Resp: 71248
Ion Ratio Lower Upper
164 100
162 97.4 81.6 122.4
160 46.0 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 64.440 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

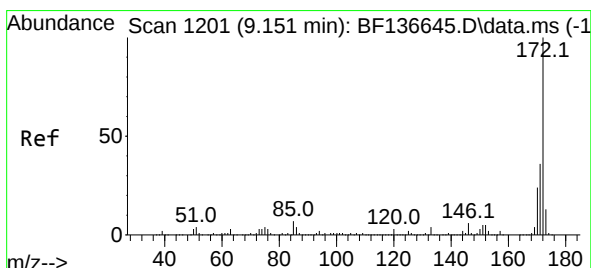
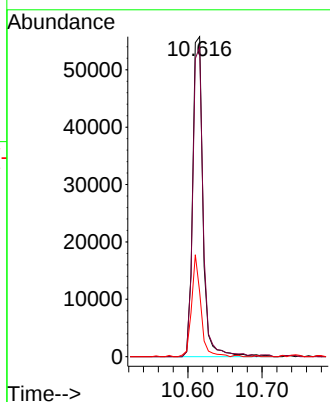
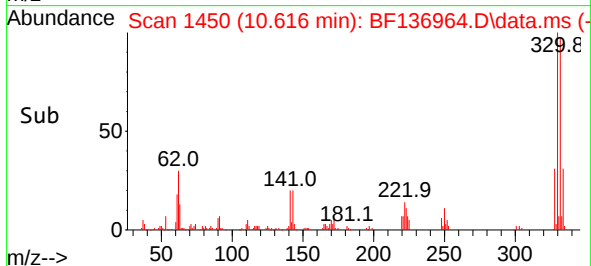
Instrument :
BNA_F
ClientSampleId :
MR-300-0-2



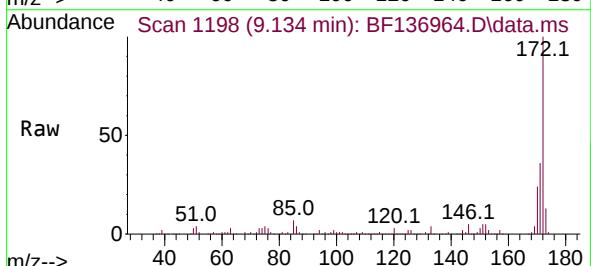
Tgt Ion: 330 Resp: 54072
Ion Ratio Lower Upper
330 100
332 97.9 77.4 116.0
141 28.3 23.4 35.2

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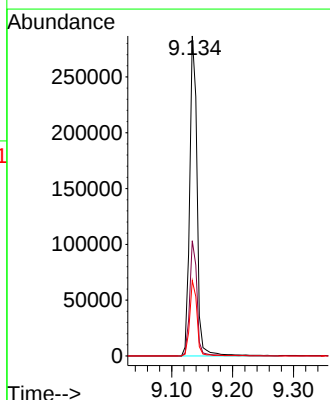
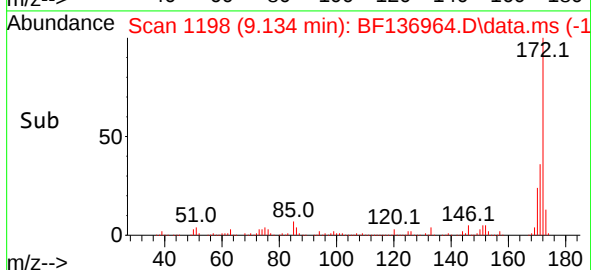
Reviewed By : Yogesh Patel 01/05/2024
Supervised By : mohammad ahmed 01/05/2024

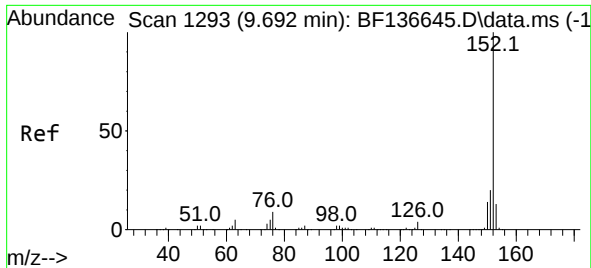


#45
2-Fluorobiphenyl
Concen: 45.818 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34



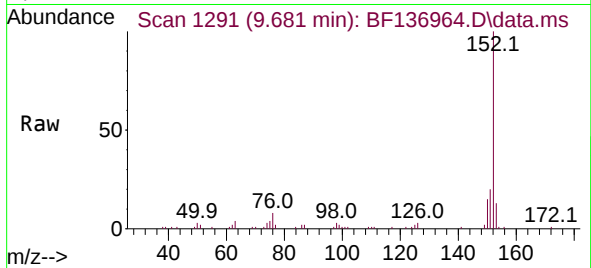
Tgt Ion: 172 Resp: 242712
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.5 19.0 28.4





#49
Acenaphthylene
Concen: 3.626 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

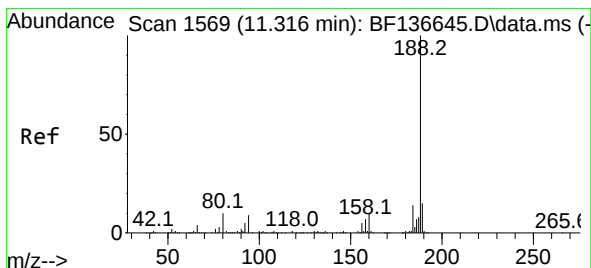
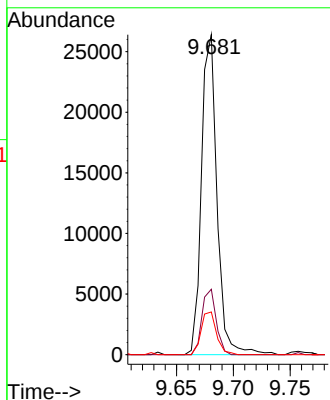
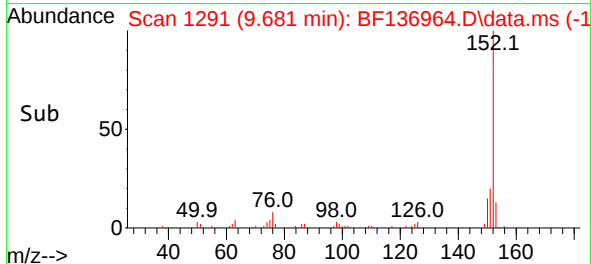
Instrument :
BNA_F
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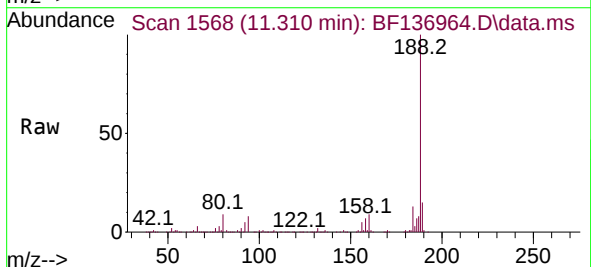
Tgt Ion:152 Resp: 25190
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.4 10.2 15.2

Manual Integrations
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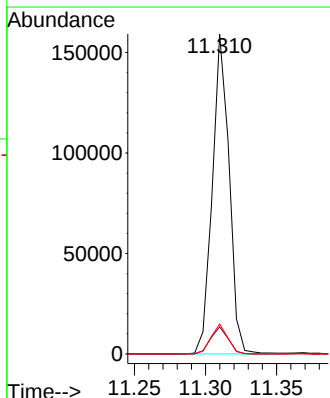
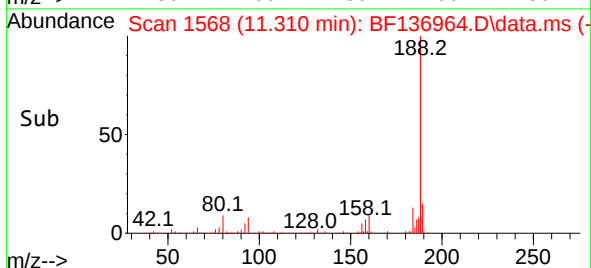
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

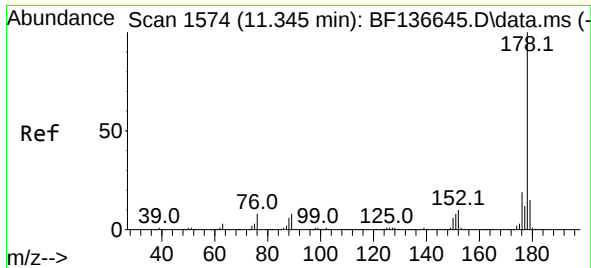


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34



Tgt Ion:188 Resp: 131302
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 9.4 8.1 12.1





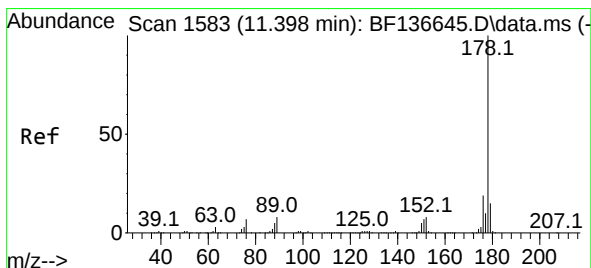
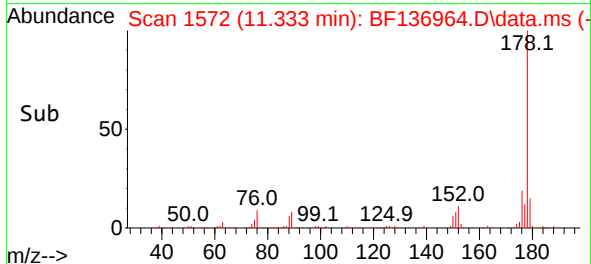
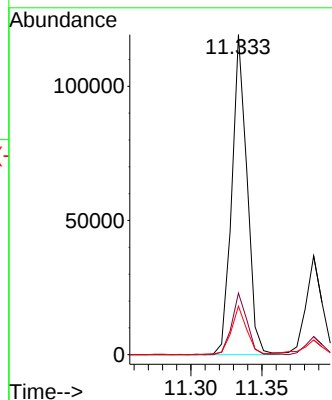
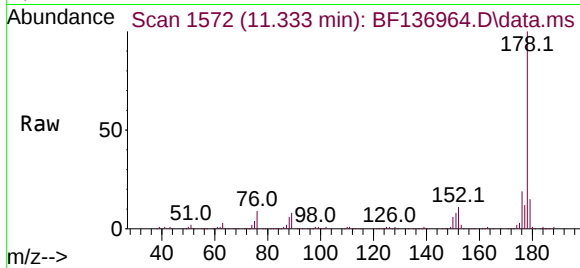
#71
Phenanthrene
Concen: 13.174 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion:178 Resp: 88754
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.1 11.9 17.9

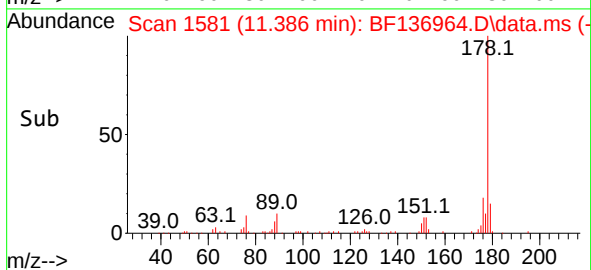
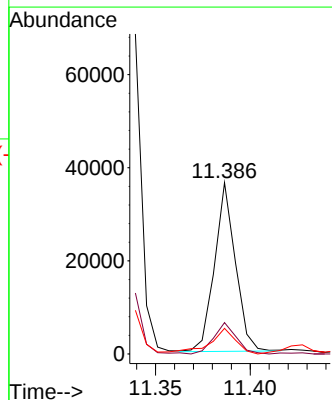
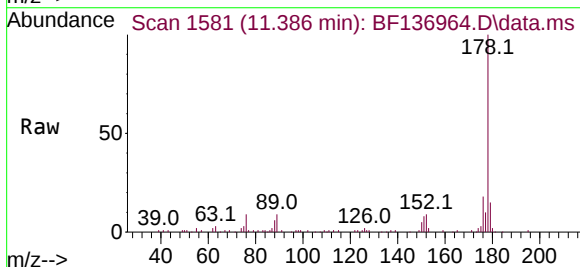
Manual Integrations
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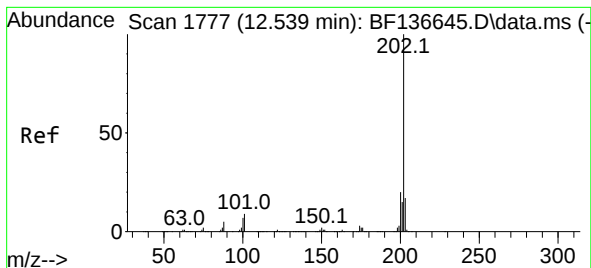
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#72
Anthracene
Concen: 4.092 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

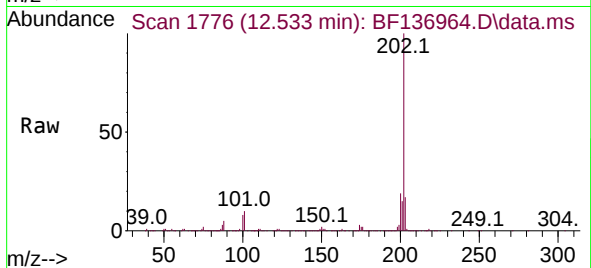
Tgt Ion:178 Resp: 27922
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 14.9 11.8 17.6





#75
Fluoranthene
Concen: 26.290 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

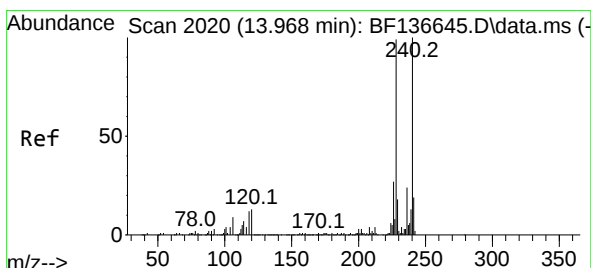
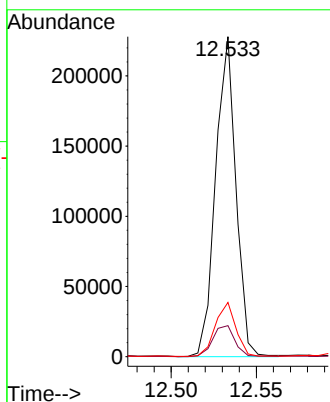
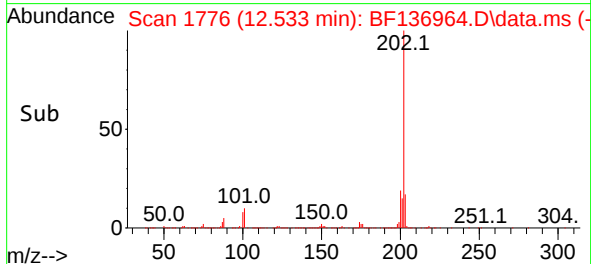
Instrument :
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MR-300-0-2



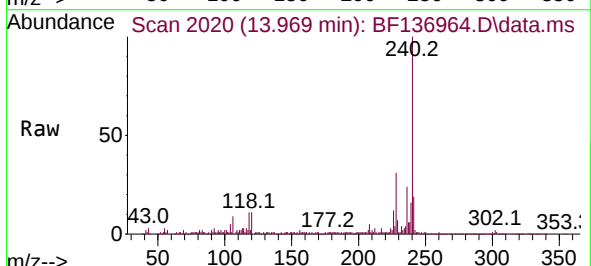
Tgt Ion:202 Resp: 189460
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.3
203 17.0 0.0 37.1

Manual Integrations
APPROVED

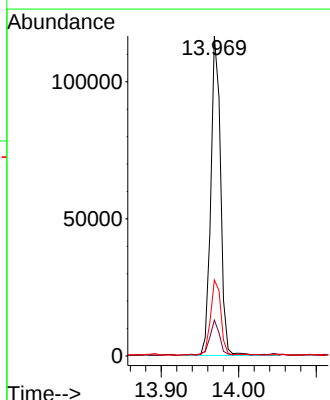
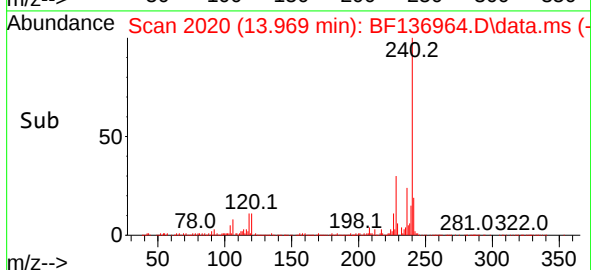
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

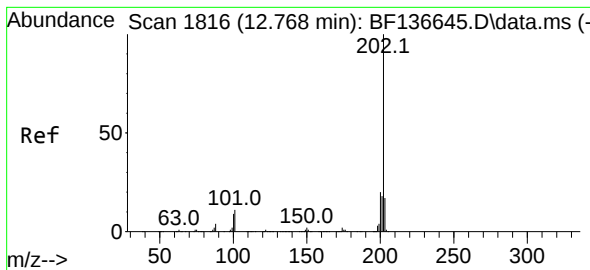


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34



Tgt Ion:240 Resp: 102510
Ion Ratio Lower Upper
240 100
120 11.2 10.3 15.5
236 23.8 19.4 29.2





#78

Pyrene

Concen: 18.111 ng

RT: 12.763 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF136964.D

Acq: 05 Jan 2024 03:34

Instrument :

BNA_F

ClientSampleId :

MR-300-0-2

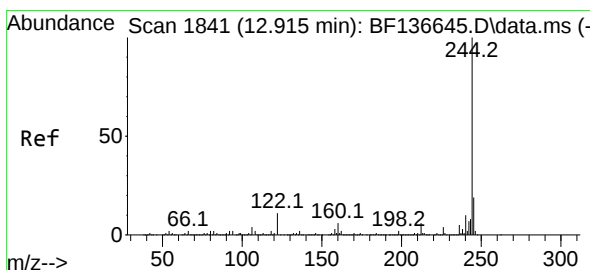
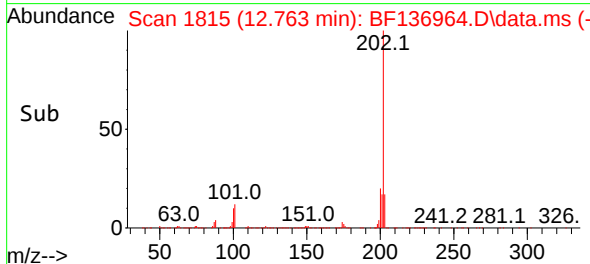
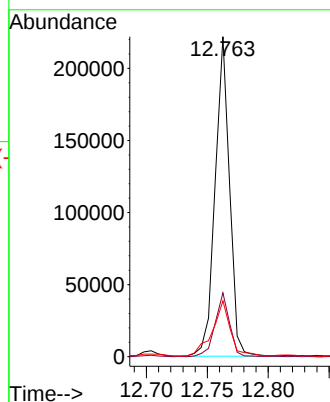
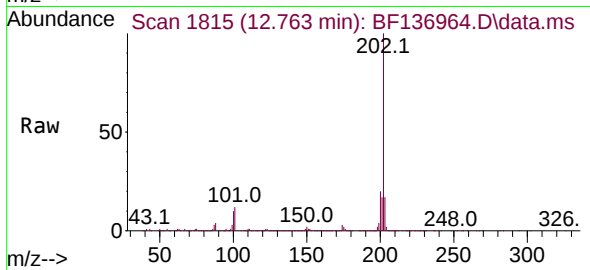
Tgt Ion:202 Resp: 182249
 Ion Ratio Lower Upper
 202 100
 200 20.0 15.9 23.9
 203 17.4 13.8 20.6

Manual Integrations

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Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#79

Terphenyl-d14

Concen: 30.993 ng

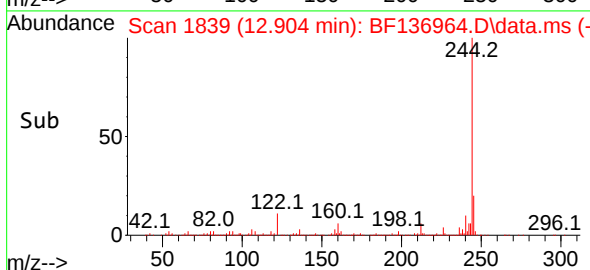
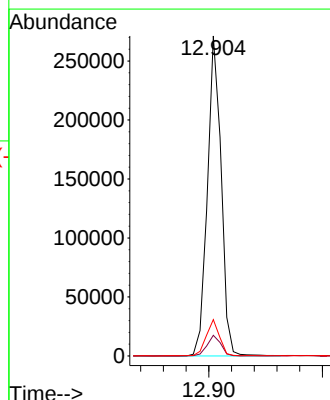
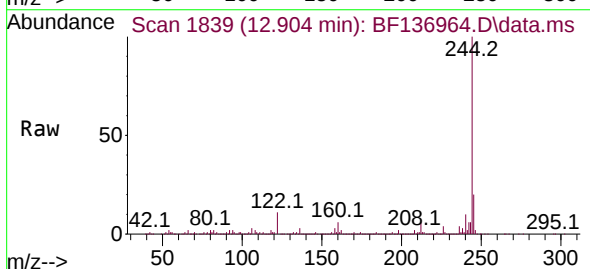
RT: 12.904 min Scan# 1839

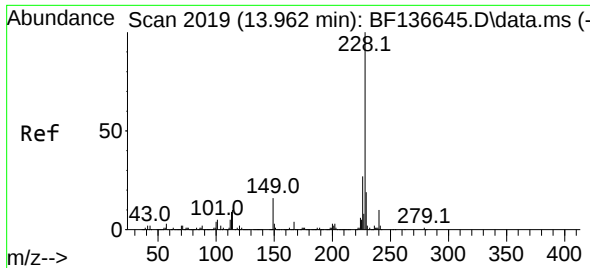
Delta R.T. -0.012 min

Lab File: BF136964.D

Acq: 05 Jan 2024 03:34

Tgt Ion:244 Resp: 227344
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 11.3 9.0 13.4





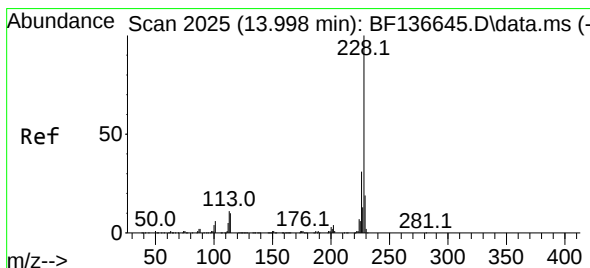
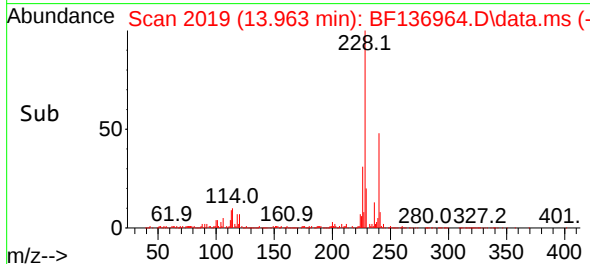
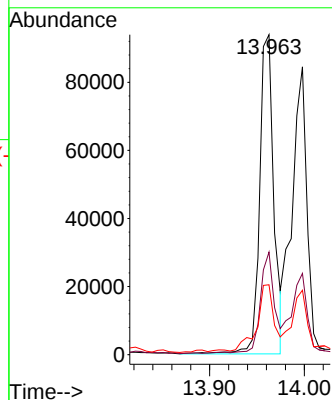
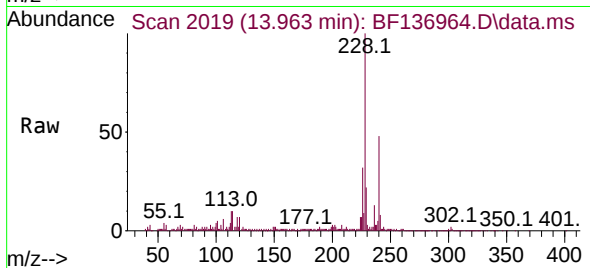
#81
Benzo(a)anthracene
Concen: 13.734 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Instrument :
BNA_F
ClientSampleId :
MR-300-0-2

Tgt Ion:228 Resp: 97762
Ion Ratio Lower Upper
228 100
226 32.0 21.4 32.0
229 21.8 14.9 22.3

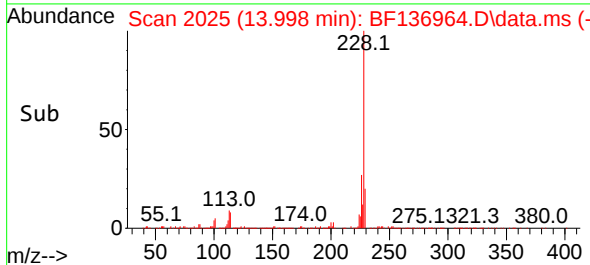
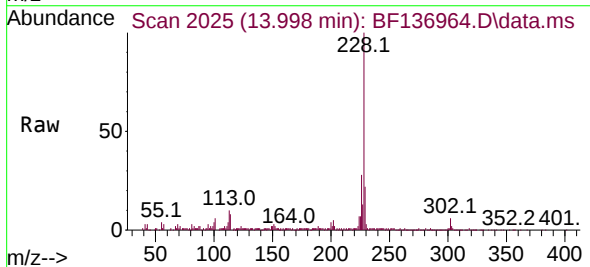
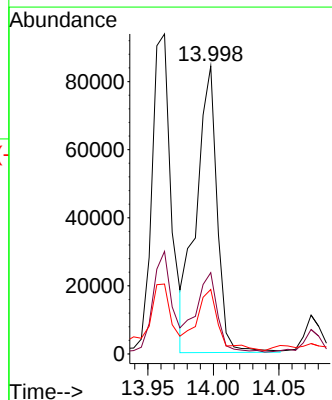
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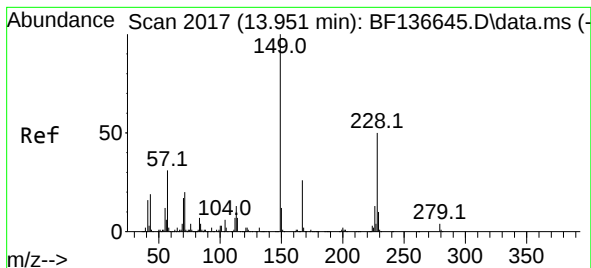
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#83
Chrysene
Concen: 13.418 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

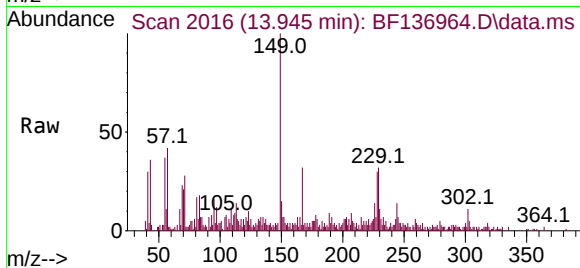
Tgt Ion:228 Resp: 93403
Ion Ratio Lower Upper
228 100
226 28.2 24.7 37.1
229 22.4 15.4 23.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.863 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

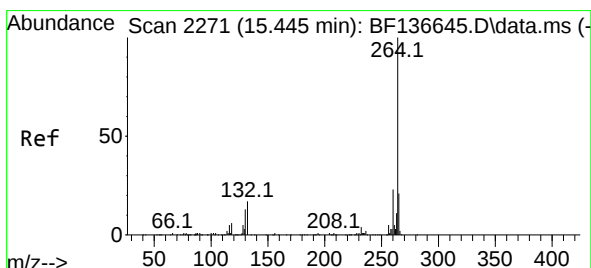
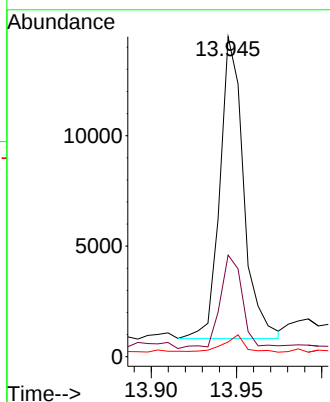
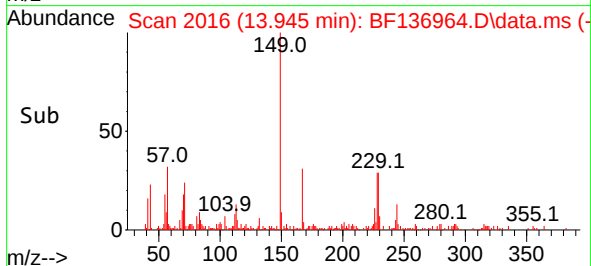
Instrument :
BNA_F
ClientSampleId :
MR-300-0-2



Tgt Ion:149 Resp: 13192
Ion Ratio Lower Upper
149 100
167 31.8 20.9 31.3
279 4.6 2.9 4.3

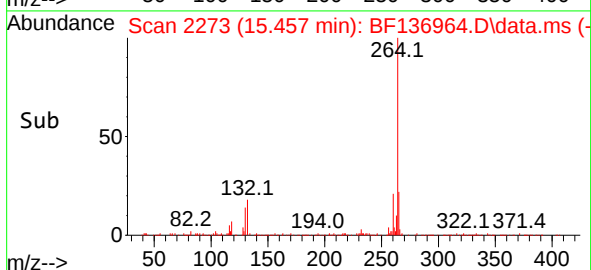
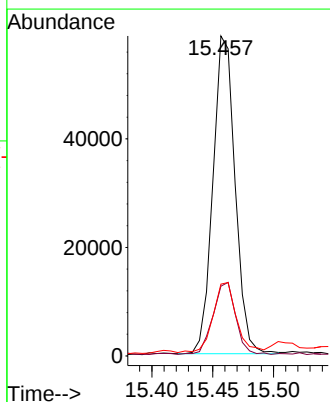
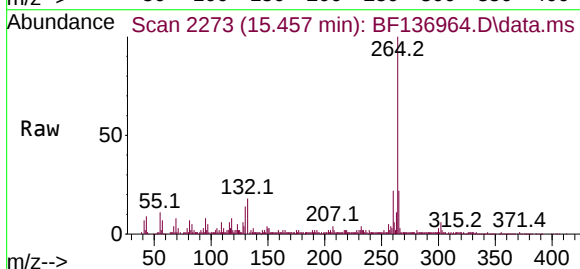
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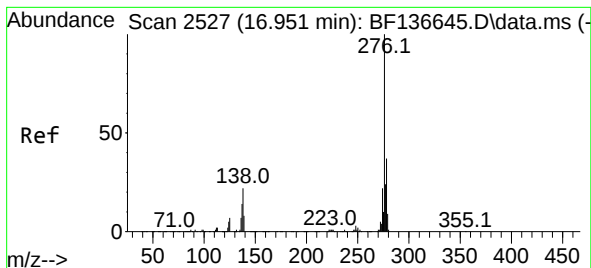
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF136964.D
Acq: 05 Jan 2024 03:34

Tgt Ion:264 Resp: 74108
Ion Ratio Lower Upper
264 100
260 21.8 18.3 27.5
265 22.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.130 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF136964.D

Acq: 05 Jan 2024 03:34

Instrument :

BNA_F

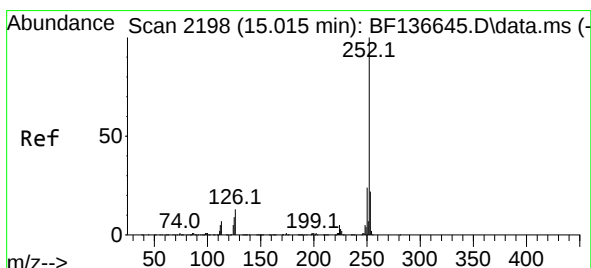
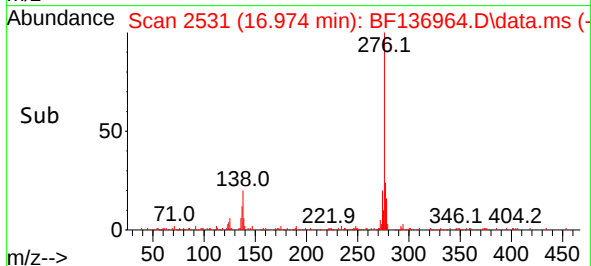
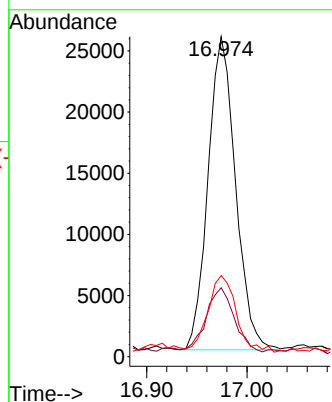
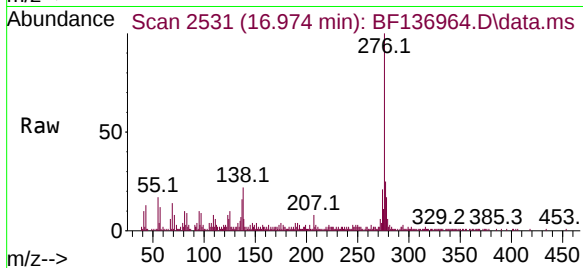
ClientSampleId :

MR-300-0-2

Tgt Ion:276 Resp: 4885
 Ion Ratio Lower Upper
 276 100
 138 21.0 18.7 28.1
 277 24.5 20.2 30.2

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Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024



#88

Benzo(b)fluoranthene

Concen: 21.142 ng m

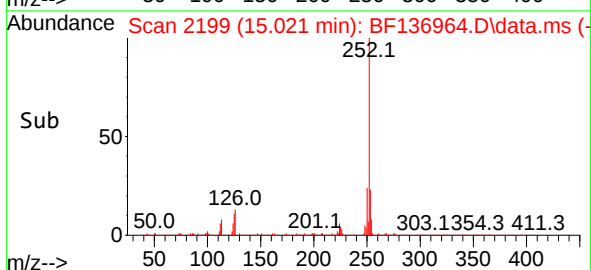
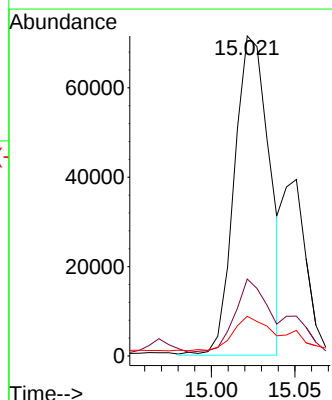
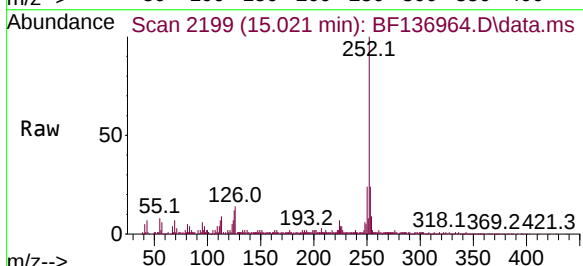
RT: 15.021 min Scan# 2199

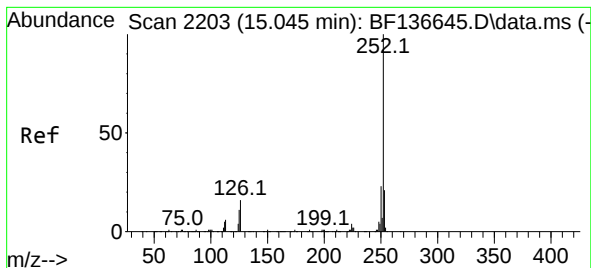
Delta R.T. 0.006 min

Lab File: BF136964.D

Acq: 05 Jan 2024 03:34

Tgt Ion:252 Resp: 104647
 Ion Ratio Lower Upper
 252 100
 253 24.1 17.4 26.0
 125 12.4 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 8.389 ng m

RT: 15.051 min Scan# 2203

Delta R.T. 0.006 min

Lab File: BF136964.D

Acq: 05 Jan 2024 03:34

Instrument :

BNA_F

ClientSampleId :

MR-300-0-2

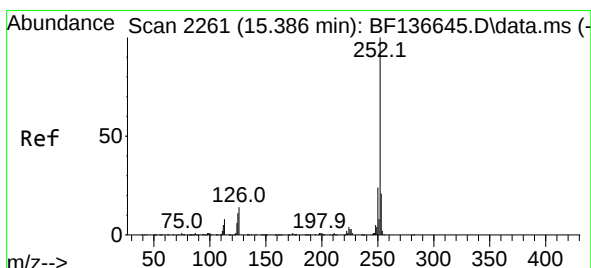
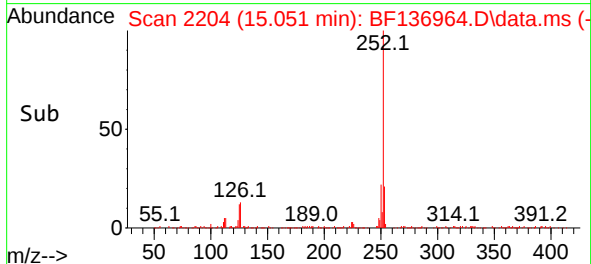
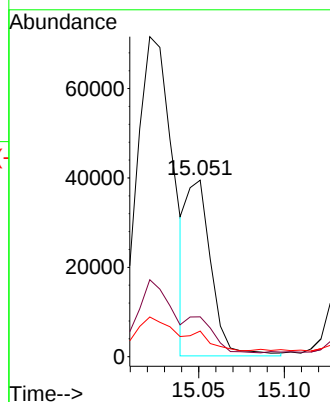
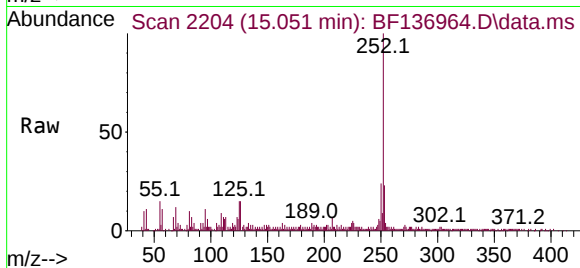
Tgt Ion:252	Resp:	3923
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.0 25.6
125	14.6	8.2 12.4

Manual Integrations

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Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#90

Benzo(a)pyrene

Concen: 16.693 ng

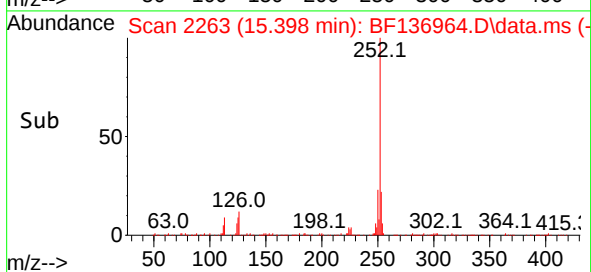
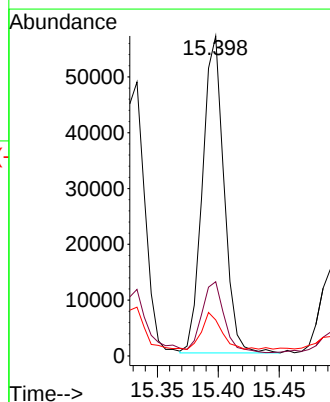
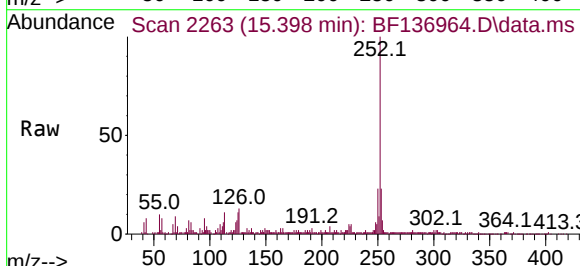
RT: 15.398 min Scan# 2263

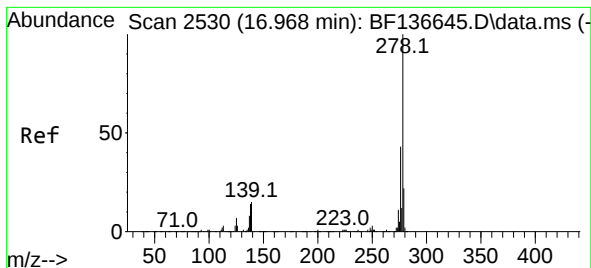
Delta R.T. 0.012 min

Lab File: BF136964.D

Acq: 05 Jan 2024 03:34

Tgt Ion:252	Resp:	69747
Ion Ratio	Lower	Upper
252	100	
253	23.2	17.0 25.6
125	11.2	8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 2.763 ng

RT: 16.980 min Scan# 2530

Delta R.T. 0.012 min

Lab File: BF136964.D

Acq: 05 Jan 2024 03:34

Instrument :

BNA_F

ClientSampleId :

MR-300-0-2

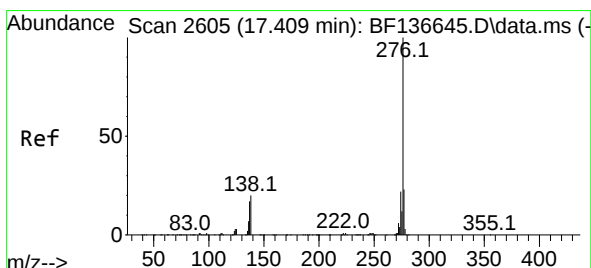
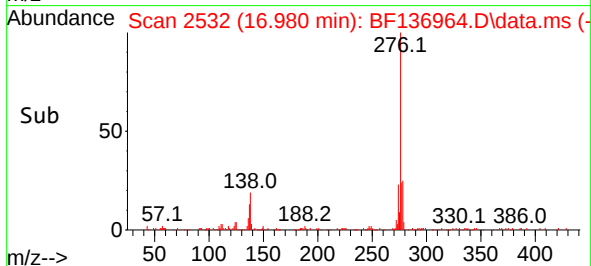
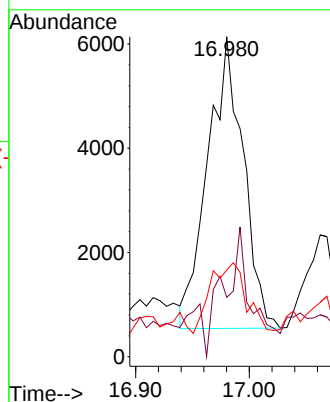
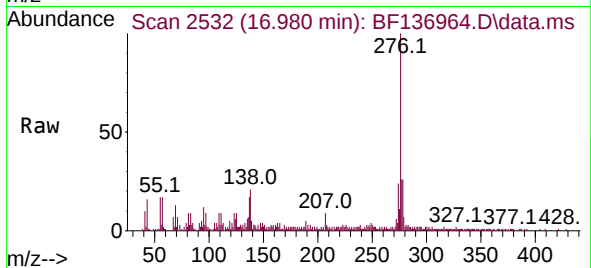
Tgt Ion:	278	Resp:	1212
Ion Ratio	Lower	Upper	
278	100		
139	18.5	12.2	18.4
279	27.1	17.8	26.6

Manual Integrations

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Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#92

Benzo(g,h,i)perylene

Concen: 11.732 ng

RT: 17.439 min Scan# 2610

Delta R.T. 0.030 min

Lab File: BF136964.D

Acq: 05 Jan 2024 03:34

Tgt Ion:	276	Resp:	52747
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.3	27.5
138	17.3	15.6	23.4

